



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #3 ENTRY YEAR: 2004

Compartment Acreage: 1,901 County: Cheboygan

Revision Date:

August 15, 2002

Stand Examiner:

Rick McDonald

Legal Description:

T34N - R01W sections 21, 28 and 33

RMU (if applicable):

Not Applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Flat to gently rolling terrain. Predominantly sandy soil types throughout the compartment of varying names and associations, except in the lowland swamp types.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Solid state ownership throughout the compartment, but is adjacent to private land to the north.

Unique, Natural Features (include only non-site specific and non-sensitive information):

Anyone who would like information about threatened or endangered species in this compartment should contact the Michigan Natural Features Inventory, PO Box 30444, Lansing, MI 48909; (517) 373-1552;

www.msue.msu.edu/mnfi.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None identified.

Special Management Designations or Considerations:

No special management considerations for this compartment.

Watershed and Fisheries Considerations:

Headwaters of the McIntosh Creek begin in this compartment, which is a tributary to the Pigeon River. The Pigeon River is designated a Natural River.

Wildlife Habitat Considerations:

A Wildlife Division representative will be available to participate in the formal compartment review.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of coarse-textured glacial till and glacial outwash sand and gravel and postglacial alluvium. Glacial drift thickness varies between 10 and 200 feet. There is approximately 100 feet of local relief within the compartment. Beneath the glacial drift is the Devonian Antrim Shale and Traverse Group, quarried for clay/shale, cement products and stone elsewhere in the State. Limestone quarries are located four miles to the northwest. The nearest gravel pit is four miles to the northeast, and there should be some potential on the upland areas. This area was previously leased for oil and gas development. The Antrim Shale subcrops in this area and the Niagaran trend lies to the south and east. There is no oil and gas potential for known producing formations in this compartment.

Vehicle Access:

There is good access to most, if not all, of the compartment. Most of the roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

The High Country Pathway passes through section 33 and a small portion of the Horse trail comes in and out of section 21.

Fire Protection:

Access is good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential.

Additional Compartment Information:

Large portions of swamp conifer along every creek within the compartment are dead or dying from high water due to extensive beaver activity along those creeks.

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 3

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100- 109	110- 119	120- 129	130- 139	140- 149	150- 159	All Aged	Total
Aspen		27	224		577	7													835
Black Spruce					2			5	21	7									35
Cedar										15				2					17
Grass	13																		13
Hemlock									9				12						21
Jack Pine			40		41			6	8										95
Lowlnd Brush	38																		38
Lowlnd Poplr								7											7
Marsh	28																		28
Mx Swmp Cnfr								147	22	5	116			69				67	426
Red Pine					5				8	4									17
Spruce Fir					79														79
Swamp Hrdwds							13	9											22
Treed Bog	10																		10
Upland Brush	5																		5
Upland Hdwds					111		2		3									31	147
Water	26																		26
White Pine			17							23	4		12	3				21	80
Total	120	27	281		815	7	15	174	71	54	120		24	74				119	1901

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 3

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	835																										835
S Black Spruce		35																									35
C Cedar				17																							17
G Grass					13																						13
H Hemlock						21																					21
J Jack Pine							95																				95
L Lowlnd Brush									38																		38
P Lowlnd Poplr										7																	7
N Marsh											28																28
Q Mx Swmp Cnfr												426															426
R Red Pine																17											17
F Spruce Fir																			79								79
E Swamp Hrdwds																				22							22
D Treed Bog																						10					10
U Upland Brush																								5			5
M Upland Hdwds																								147			147
Z Water																									26		26
W White Pine																										80	80
Total	835	35		17	13	21	95		38	7	28	426				17			79	22		10	5	147	26	80	1901

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **3****Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	6066 Cds	Hardwood	79 Cds
Hardwood	237 Mbf	Softwood	133 Cds
Softwood	7682 Cds	Softwood	46 Mbf
Softwood	1064 Mbf	Sum CutVol	304 Cds
Sum TotVol	16350 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	21
1901		Acres Meeting Silv Criteria.....	237
		Acres Not Meeting Silv Criteria.....	1664
		Acres Unable to Determine Silv Criteria For.....	

PIGEON RIVER COUNTRY MGT UNIT
**Proposed Treatments
With NO Limiting Factors**
Compartment: 3
Entry Year: 2004

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
65	J6	8	70	56	jack pine	mature	final harvest	1		
67	J6	6	60	56	jack pine	immature	final harvest	1		
78	W9	5	86	55	white pine	mature	selection	1		
comnts Fmd : Cut with stand 79										
79	R9	2	86	57	red pine	mature	selection	1		
comnts Fmd :										
Total Acres.....		21								

**Proposed Treatments
With Limiting Factors**

Compartment: 003

Entry Year:

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

COMPARTMENT 3
T34N, R1W, SEC. 21, 28, 33
COUNTY: CHEBOYGAN
UNIT: PIGEON RIVER
FOREST: MACKINAW
YOE: 2004
ACRES: 1,901 GIS CALCULATED
MAP REVISED: 8/13/2002
STAND EXAMINER: RICK MCDONALD

LEGEND

- MIRIS CORNER
- GRAVEL & GOOD DIRT ROADS
- POOR DIRT ROADS
- CLOSED/ABANDONED ROADS
- HIKINGTRAILS
- HORSE TRAILS
- LAKES
- RIVERS
- INTERMITTENT STREAMS
- STAND BOUNDARY
- FINAL HARVEST
- SELECTION

